

- 120 Kate: I wouldn't say, like, I see myself teaching, and the future doesn't doesn't mean it won't happen. You know, things always change. But right now, I don't mind teaching. It's just not I don't get a lot of enjoyment from it.
- 121 Weverton: So that, so that profession as a research and would that be like in like researching university or a researcher in the industry, like?
- 122 Kate: I see it more as like an industry position.
- 123 Weverton: Awesome. And, and, and how do you see research mathematics? Like you to define it in your way? Like, what does that mean to you?
- 124 Kate: It's either finding a better or creative solution to something, I guess it depends, you know, like, where you are in industry, if that means like, Oh, I'm making this you know, modeling, making this like mathematical model more accurate, make it incorporate more variables, yeah just making it more realistic or if it's in finance, you are trading companies things like that, or algorithm development, just finding a more like, faster, different way to do things.
- 125 Weverton: Cool. All right. No I have a task for you. And something that it does not require you to have a lot of ability, But if you do, you can just, you know, explore your abilities, some people they feel like I can't do it, other feel like okay i can do it. So I would like you to draw for me the ideal mathematician.
- 126 Kate: Okay. [drawing]
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- 128 Weverton: Yay. Can you tell me what he did? What are you thinking about.
Kate: So, I put a black a put a chalkboard. which are, usually green? I feel like good mathematicians are a little old fashioned. So they can use chop? do their work on a chalkboard have them facing this way? Because I feel like, they're very, like absorbed in their work. And casual dress that you don't really, I don't really see a an ideal mathematician that's like someone in a suit and tie or anything like that. Yeah. Those are the main points.
- 129 Weverton: Were You thinking about gender when you try it?
- 130 Kate: No, not really. That's why I didn't, I never want to have them facing forward. Because there's not like a face that I associate with mathematics. And there's also not like a skin tone. So I just did black outline. And then brown just cuz I thought it would look better with the colors. Okay. [there are some additional conversation not relevant after this].